

**CERTIFICATE OF EFS TRANSMISSION**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted to the United States Patent and Trademark Office on the date shown below via the "Electronic Filing System" in accordance with 37 C.F.R. § 1.6(a)(4).

Kristin Micle	/Kristin Micle/	January 15, 2009
Type or print name	Signature	Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Kristof VAN EMELEN et al.  
Serial No. : 10/507,159  
Filed : September 08, 2004  
Entitled : SULFONYLAMINO-DERIVATIVES AS NOVEL INHIBITORS OF HISTONE DEACETYLASE  
Art Unit : 1621  
Examiner : Saeed, Kamal A.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT UNDER 37 CFR 3.73(b)**

Janssen Pharmaceutica NV, a Corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- A.  An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

OR

- B.  A chain of title from the inventor(s), or the patent application identified above, to the current assignee as shown below:

1. From:  
To:  
The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.
  
2. From:  
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3. From:  
To:  
The document was recorded in the Patent and Trademark Office at  
Reel , Frame , or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

OR

Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

/Alana G. Kriegsman/

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Alana G Kriegsman  
Proxy Holder  
on behalf of Janssen Pharmaceutica NV

Johnson & Johnson  
One Johnson & Johnson Plaza  
New Brunswick, NJ 08933-7003  
(732) 524-1495  
Dated: January 15, 2009

A S S I G N M E N T

Serial No. : 10/507,159

Filed : 9/8/2004

WHEREAS. Kristof Van Emelen, Leo Jacobus Jozef Backx, Sven Franciscus Anna Van Brandt,  
Marc Gustaaf Celine Verdonck and Hans Louis Jos De Winter  
residing at Janssen Pharmaceutica N. V., Turnhoutseweg 30 2340 Beerse Belgium  
(hereinafter called "Assignor"), have made jointly with

Patrick René Angibaud and Isabelle Noëlle Constance Pilatte  
certain new and useful inventions or discoveries relating to

SULFONYLAMINO-DERIVATIVES AS NOVEL INHIBITORS OF HISTONE  
DEACETYLASE

for which they have on the 28<sup>th</sup> day of March 2003 filed an international application, designating  
the United States; and 15<sup>th</sup> April 2003

WHEREAS, JANSSEN PHARMACEUTICA N.V. a corporation of the State of Belgium, (hereinafter  
called "Assignee"), is desirous of acquiring Assignor' entire right, title, and interest therein:

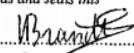
NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other  
valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignor have sold,  
assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee the entire right, title and  
interest in and to all said inventions and discoveries disclosed in said application whose identification above by  
serial number and filing date, when available is hereby authorized, and in and to said application, all  
substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign,  
that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues  
thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the  
same would have been held and enjoyed by Assignor if this Assignment and sale had not been made;

And Assignor hereby authorize and request the Commissioner of Patents of the United States to issue  
said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a  
full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title  
they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever  
requested, but without cost to them promptly communicate to said Assignee or its representatives any facts  
known to them relating to said inventions and discoveries, testify in any interference or legal proceedings  
involving said inventions and discoveries, and execute any additional papers that may be necessary to enable  
said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for  
the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the  
said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

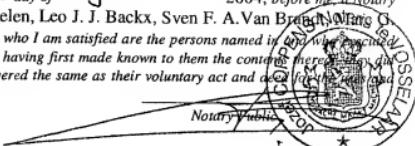
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this \_\_\_\_\_ day of

 ..... (L.S.)  ..... (L.S.)  ..... (L.S.)  
Kristof Van Emelen Leo J.J. Backx Sven F. A. Van Brandt

 ..... (L.S.)  ..... (L.S.)  
Marc G. C. Verdonck Hans L. J. De Winter

STATE OF  
COUNTY OF

BE IT REMEMBERED, That on this 25 day of January 2004, before me, a Notary  
Public, personally appeared Kristof Van Emelen, Leo J. J. Backx, Sven F. A. Van Brandt, Marc G. C.  
Verdonck and Hans L. J. De Winter, who I am satisfied are the persons named in and who executed  
the foregoing instrument in my presence, and I having first made known to them the contents hereof, do  
acknowledge that they signed, sealed, and delivered the same as their voluntary act and for the purposes  
purposes therein expressed.



**Assignment**

I, *Jimmy, Arnold, Viviane Van heusden*, citizen of Belgium, residing at Lindberg 32,  
2520 Oelegem

residing at the moment of the invention at c/o Janssen Pharmaceutica N.V.,  
Turnhoutseweg 30, B-2340 Beerse, Belgium

herewith assign, for all countries in the world, all rights, title and interest in and to the  
invention entitled

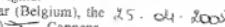
**SULFONYLAMINO-DERIVATIVES AS NOVEL INHIBITORS OF HISTONE  
DEACETYLASE**

including the right to claim the priority of the corresponding USA Patent Application No.  
60/363799 filed on March 13, 2002 and PCT Patent Appl. No. PCT/EP02/14481 filed on  
December 18, 2002.

to *Janssen Pharmaceutica N.V.*  
Turnhoutseweg 30  
2340-Berse  
Belgium

Dated with effect from 13 March 2002

\_\_\_\_\_  
Jimmy A. V. Van heusden

The undersigned  Coppens, a Notary  
Public at Vosselaar (Belgium), does hereby  
certify that this document is an identical copy  
of the original  
Vosselaar (Belgium), the 25. 04. 2002  
(Signed)  Coppens

Ondergetekende notaris Tom Coppens  
bevestigt hierbij dat onderhavige kopie  
conform is aan het origineel.  
Vosselaar, 25. 04. 2002  
(get.) Notaris  Tom Coppens.



Serial No.: 10/507,167  
Filed: 9/8/2004

## A S S I G N M E N T

WHEREAS, Patrick René Angibaud and Isabelle Noëlle Constance Pilatte, both citizens of France and residing at Janssen Cilag, 1, rue Camille Desmoulins, TSA 91003, 92787 Issy-les-Moulineaux, Cedex 9, France (hereinafter called "Assignors"), have made jointly with

Kristof Van Emelen, Leo J. J. Backx, Sven F. A. Van Brandt, Marc G.C. Verdonck and Hans L. J. De Winter,

certain new and useful inventions or discoveries relating to

## SULFONYLAMINO-DERIVATIVES AS NOVEL INHIBITORS OF HISTONE DEACETYLASE

for which they have on the 30<sup>th</sup> day of August 2004, executed an application for Letters Patent of the United States; and March 2003

WHEREAS, JANSSEN-CILAG a corporation of the State of France, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 30<sup>th</sup> day of August, 2004.

.....(L.S.)

Patrick René Angibaud  
Mr Jean-Marie VAUCHELLE, Notaire associé  
au MESNIL-ESNARD (Seine-Maritime) certifie  
sincère et véritable la signature apposée ci-dessous  
contre, comme émanant de Madame Isabelle  
PILATTE et monsieur Patrick ANGIBAUD

BE IT REMEMBERED, That on this day of , 2004, before me,  
Public, personally appeared Patrick R. Angibaud and Isabelle N. C. Pilatte who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.



Notary Public

Serial No.: 10/507,159

Filed: 9/1/2004

## A S S I G N M E N T

WHEREAS, JANSSEN-CILAG, a corporation of France, having a place of business at 1, rue Camille Desmoulins, TSA 91003, 92787 Issy-les Moulineaux Cedex 9, France (hereinafter called "Assignor"), is an owner of application serial no. filed , for a letters Patent in the United States, relating to

SULFONYLAMINO-DERIVATIVES AS NOVEL INHIBITORS OF HISTONE  
DEACETYLASE

WHEREAS, JANSEN PHARMACEUTICA N.V. a corporation of the State of Belgium, having its principal place of business at Turnhoutseweg 30, B-2340-BEERSE, Belgium (hereinafter called "Assignee"), is desirous of acquiring Assignor's entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for considerations to be determined by an agreement between Assignor and Assignee, said agreement to be concluded later, Assignor has sold, assigned, and transferred, and does hereby sell, assign and transfer unto said Assignee the entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof;

And for the consideration aforesaid, Assignor further covenants and agrees that he will, whenever requested, but without cost to him promptly communicate to said Assignee or its representatives any facts known to him relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be signed by its duly authorized officer and attested by its Secretary and its corporate seal to be affixed on this 30th day of August, 2004.

Me Jean-Marie VAUCHELLE, Notaire associé  
au MESNIL-ESNARD (Seine-Maritime) certifie  
sincère et vérifiable la signature apposée ci-  
contre, comme émanant de Frédéric Champavère

Attest :

By .....



JANSSEN-CILAG

Frédéric Champavère  
President of Janssen-Cilag

(L.S.)

BE IT REMEMBERED, That on this 30th day of August, 2004, before me, a Notary Public, personally appeared , who being by me duly sworn did depose and make proof to my satisfaction that he well knows the corporate seal of JANSSEN-CILAG , the corporation named in and which executed the foregoing Assignment; that the seal affixed thereto is the proper corporate seal of the said corporation; that the same was so affixed thereto and the said Assignment signed and delivered by , who was at the date of execution thereof of said corporation, in the presence of the said deponent, as the voluntary act and deed of the said corporation, and that the said deponent thereupon signed the same as subscribing witness.

Subscribed and sworn before me at

, the date aforesaid.

\_\_\_\_\_  
Notary Public